

pipes shall have their locations with invert elevations secured by the field parties. All municipal sanitary sewer will be placed in the utility file(suUPC#).

Descriptions for drainage items shall be shown in accordance with the following:

Pipe Culverts

1. Diameter of culverts shall be shown to the nearest .1'.
2. Invert elevations shall be shown to the nearest 0.01 ft.

Storm Sewer

1. Diameter of culverts shall be shown to the nearest .1'.
2. Invert elevations shall be shown to the nearest 0.01 ft.
3. Heights of manholes and drop inlets shall be shown to nearest 0.01 ft.

Channels & Ditches

1. Show width and depth to the nearest 0.25 ft.
2. If a stream is three (3) or more feet wide, four breakline should be used for a more accurate depiction of the stream.

Pipe Cover

1. Pipe Cover shall be shown to the nearest 0.25 ft. [◇]

The necessity for outlet ditches and channel changes should be investigated and appropriate recommendations made. Any lake or pond being affected by possible erosion should be shown.

Wells, Springs, Septic Tanks & Drain fields

Except in areas where properties are served by municipally owned sewer and water systems, information shall be shown on each individually developed property regarding water supply and sewage disposal. If it is determined that the facilities will be impacted by future construction, it will be necessary to accurately locate these facilities, and a specific request, to do so, will be issued. If the facilities are a considerable distance from centerline, a note indicating how these properties are served will suffice. Most often, the location of the facilities should be shown in the survey file based upon the best data available. It should be noted that obtaining location information from the counties might need to be addressed via the Freedom of Information Act.

Historical Markers

Historical markers should be located and the identifying number recorded. In the securing of location survey data on any type of survey, special attention should be given to any site that is of historical or archeological significance. Some of these sites are well marked and are easily identifiable by markers placed by the Association for the Preservation of Virginia Antiquities, the Virginia Department of Conservation and Economic Development or by local governments. Some are not so well marked and require knowledge of the area and local research

[◇] March 3, 2014